A randomised controlled trial to evaluate the effectiveness of a pharmacist's telephone reminders in reducing mortality in patients receiving polypharmacy

Submission date	Recruitment status No longer recruiting	Prospectively registered		
05/10/2004		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
15/02/2005	Completed	[X] Results		
Last Edited	Condition category	[] Individual participant data		
18/02/2008	Other			

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

HSRC/HCPF226103

Study information

Scientific Title

Study objectives

To investigate the effects of compliance and periodic telephone counselling by a pharmacist on mortality in patients receiving polypharmacy.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Added as of 22/10/2007:

Ethics approval received from the Chinese University of Hong Kong clinical research ethics committee.

Study design

Randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Treatment

Participant information sheet

Health condition(s) or problem(s) studied

Compliance to polypharmacy

Interventions

Patients randomised to the intervention group received a 10 - 15 minute telephone call from the pharmacist for education and counselling between clinic visits for 2 years. Patients in the control group did not receive any telephone reminders.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Time from randomisation to death from any cause.

Secondary outcome measures

- 1. Changes in the rate of admission to hospital
- 2. Number of emergency room visits
- 3. Hospital stay in the two years before and after the screening visit
- 4. Changes in compliance

Overall study start date

01/10/1998

Completion date

01/06/1999

Eligibility

Key inclusion criteria

Patients receiving polypharmacy defined as five or more chronic medications who were found to be non-compliant upon first assessment by pharmacist

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

Added as of 22/10/2007: 502 recruited

Key exclusion criteria

- 1. Speak non-Cantonese dialects or a different language
- 2. Conditions that prevented effective communication (for example, patients who are deaf, mute, or have dementia or other psychological disorders)
- 3. Live in nursing homes with supervised treatment

Date of first enrolment

01/10/1998

Date of final enrolment

01/06/1999

Locations

Countries of recruitment

Hong Kong

Study participating centre **Dept of Medicine and Therapeutics**

Hong Kong

Sponsor information

Organisation

Hong Kong Health Services Research Fund (Hong Kong)

Sponsor details

Health Welfare and Food Bureau Government Secretariat, HKSAR 20th floor Murray Building Garden Road

Hong Kong

+852 (0)2973 8288 hsrf@hwfb.gov.hk

Sponsor type

Government

Website

http://www.fhb.gov.hk/index.html

ROR

https://ror.org/03qh32912

Funder(s)

Funder type

Government

Funder Name

Hong Kong SAR Government Health Services Research Committee (Hong Kong)

Results and Publications

Publication and dissemination planNot provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Results	09/09/2006		Yes	No